

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 179  | (524/540).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/07 10:04 |
| S2    | 8661 | (524/508,425,494,495,594,611).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/07 10:05 |
| S3    | 103  | S2 AND ((polyarylene OR arylene<br>OR polyphenylene OR phenylene)<br>ADJ (sulfide OR sulphide)) AND<br>((polyphenylene OR phenylene OR<br>polyarylene OR arylene) ADJ ether)<br>AND (mica OR sericite OR kaolin OR<br>clay OR bentonite OR talc OR<br>alumina OR ((silicon OR magnesium<br>OR zirconium OR titanium OR iron<br>OR calcium) NEAR2 (oxide OR<br>carbonate OR phosphate)) OR<br>graphite OR carbon) AND ((fiber OR<br>fibre OR whisker) NEAR2 (glass OR<br>carbon OR alumina OR carbide OR<br>ceramic OR asbestos OR gypsum<br>OR metal OR asbestos)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/07 10:34 |
| S4    | 1429 | ((polyarylene OR arylene OR<br>polyphenylene OR phenylene) ADJ<br>(sulfide OR sulphide)) AND<br>((polyphenylene OR phenylene OR<br>polyarylene OR arylene) ADJ ether)<br>AND (mica OR sericite OR kaolin OR<br>clay OR bentonite OR talc OR<br>alumina OR ((silicon OR magnesium<br>OR zirconium OR titanium OR iron<br>OR calcium) NEAR2 (oxide OR<br>carbonate OR phosphate)) OR<br>graphite OR carbon) AND ((fiber OR<br>fibre OR whisker) NEAR2 (glass OR<br>carbon OR alumina OR carbide OR<br>ceramic OR asbestos OR gypsum<br>OR metal OR asbestos))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/07 10:10 |
| S5    | 59   | S3 AND @pd<"20030326"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/07 10:11 |

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|-----|-------|---|---|----|----|------------------|
| S6  | 857   | S4 AND @pd<"20030326"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:11 |
| S7  | 189   | S6 AND optical  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:11 |
| S8  | 81    | S7 AND (silane OR (coupling ADJ agent))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:12 |
| S9  | 79    | S8 AND ((polyphenylene ADJ ether) OR (polysulfone) OR (polyethersulfone) OR polyetherimide OR polyacrylate OR polysulphone OR (polyether ADJ sulfone) OR (polyether ADJ sulphone) OR (ether ADJ sulfone) OR (ethersulfone) OR (polyether ADJ imide) OR (etherimide) OR (ether ADJ imide)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:31 |
| S10 | 10    | ("5021497"   "5028656"   "5183871"   "5185392"   "5214083"   "5219940"   "5242990").PN. OR ("5541243").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/08/07 10:33 |
| S11 | 5     | ("4528346"   "5026764"   "5028656"   "5128421").PN. OR ("5242990").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/08/07 10:33 |
| S12 | 10    | ("4877847"   "4970272"   "5124391"   "5132365").PN. OR ("5474853").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/08/07 10:34 |
| S13 | 11206 | okuyama.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:34 |

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|-----|-------|--|---|----|----|------------------|
| S14 | 4     | S13 AND ((polyarylene OR arylene OR polyphenylene OR phenylene) ADJ (sulfide OR sulphide)) AND ((polyphenylene OR phenylene OR polyarylene OR arylene) ADJ ether) AND (mica OR sericite OR kaolin OR clay OR bentonite OR talc OR alumina OR ((silicon OR magnesium OR zirconium OR titanium OR iron OR calcium) NEAR2 (oxide OR carbonate OR phosphate)) OR graphite OR carbon) AND ((fiber OR fibre OR whisker) NEAR2 (glass OR carbon OR alumina OR carbide OR ceramic OR asbestos OR gypsum OR metal OR asbestos)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:37 |
| S15 | 23833 | idemitsu.as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:37 |
| S16 | 57    | S15 AND ((polyarylene OR arylene OR polyphenylene OR phenylene) ADJ (sulfide OR sulphide)) AND ((polyphenylene OR phenylene OR polyarylene OR arylene) ADJ ether) AND (mica OR sericite OR kaolin OR clay OR bentonite OR talc OR alumina OR ((silicon OR magnesium OR zirconium OR titanium OR iron OR calcium) NEAR2 (oxide OR carbonate OR phosphate)) OR graphite OR carbon) AND ((fiber OR fibre OR whisker) NEAR2 (glass OR carbon OR alumina OR carbide OR ceramic OR asbestos OR gypsum OR metal OR asbestos)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/07 10:37 |